

Interview Summary	Application No.	Applicant(s)	
	09/760,068	HELGESON ET AL.	
	Examiner	Art Unit	
	Moustafa M Meki	2167	

All participants (applicant, applicant's representative, PTO personnel):

(1) Moustafa M Meki. (3) _____.

(2) Stephen Durant. (4) _____.

Date of Interview: 10 December 2004.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: 31 & 35 & 41.

Identification of prior art discussed: NONE.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The examiner called the applicant in order to amend claim 31 to include the limitations of providing a BDK business server (step c) to support the integrity of the claim and to support claim 35. The applicant agreed to amend claim 31 as suggested by the examiner by an examiner amendment. Also, the applicant agreed to amend claim 41 to depend on claim 35.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Application/Control Number: 09/760,068
Art Unit: 2157

Page 2

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Stephen Durant on 12/10/2004.

The application has been amended as follows:

IN THE CLAIMS

31. (Amended) An Internet-based method for implementing a business application using object oriented technology and frameworks comprising the following acts:

a. providing a client input device having a user interface (UI) wherein the UI includes controls whereby a user selects a command and a display whereby results are displayed;

b. transmitting the command to a server computer comprising a business application management system platform which includes a WDK Web interface server as a part of the business application management system platform, for receiving the user selected command and for processing a web document that is a custom presentation of information;

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c. providing a BDK business server electronically coupled to the WDK Web interface server, for storing business objects to and retrieving business objects from a database containing persistent business object data related to the business application;

d. receiving at the client input device a display of results relating to the command, the results obtained by an information distributor server electronically coupled to the WDK Web interface server for generating metadata for a business object, for storing the metadata in a metadata database, for querying the metadata database when asked to do so by a client input device, and for providing the results of a match to a query to the client input device;

whereby the business application is available via the internet to assist a user in performing a specific business operation which requires location of and use of business objects and display of results of the specific business operation to the user in a dynamically selectable format.

2. The following is an examiner's statement of reasons for allowance: None of the prior art of record taken singularly or in combination teaches or suggests a system for implementing a business application using high-level objected oriented technology and frameworks in which a BDK business server electronically coupled to a WDK Web

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interface server of a business application management system platform, for storing business objects to and retrieving business objects from a database containing persistent business object data related to the business application, and an information distributor server electronically coupled to the WDK Web interface server for generating metadata for a business object, for storing the metadata in a metadata database, for querying the metadata database when asked to do so by a requestor, and for providing the results of a match to a query to the requestor, whereby the business application is available via the internet to assist a user in performing a specific business operation which requires location of and use of business objects and display of results of the specific business operation to the user in a dynamically selectable format.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Moustafa M Meky whose telephone number is 571-272-4005. The examiner can normally be reached on flex.

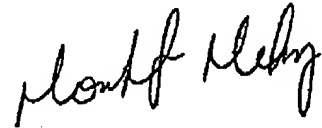
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-²⁹²⁻4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

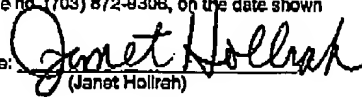
MMM
12/12/2004



I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-8306, on the date shown below.

Dated: May 10, 2005

Signature:


(Janet Hollrah)Docket No.: 360322000100
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
Christopher S. HELGESON et al.

Application No.: 09/760,068

Confirmation No.: 2597

**RECEIVED
CENTRAL FAX CENTER****MAY 10 2005**

Filed: January 12, 2001

Art Unit: 2157

For: METHOD AND APPARATUS FOR A
BUSINESS APPLICATIONS MANAGEMENT
SYSTEM PLATFORM

Examiner: M. M. Meky

LETTER TO EXAMINER PURSUANT TO 37 CFR 1.311 AND MPEP 1303

MS Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

1. Pursuant to 37 CFR 1.311 and MPEP 1303, Applicants respectfully request the following items to complete the Notice of Allowance for the above-identified application:

- (a) Issue Fee Due Form - Part B Fee(s) Transmittal (PTOL-85B); and
- (b) Determination of Patent Term Adjustment under 35 USC 154(b) (PTOL-85C).

2. A Notice of Allowability (PTOL-37), having a mail date of March 17, 2005, was received by the Applicants on March 22, 2005. A copy of which is attached herewith. However, Applicants have not received the above requested items to complete the Notice of Allowance.

sF-1926782

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Docket No.: 360322000100

3. Support for the request for an Issue Fee Due Form (PTOL-85B) is provided by 37 CFR 1.311, which states:

If, on examination, it appears that the applicant is entitled to a patent under the law, a notice of allowance will be sent to the applicant . . . The notice of allowance *shall specify a sum constituting the issue fee* which must be paid within three months from the date of the mailing of the notice of allowance to avoid abandonment of the application . . . (emphasis added).

Support for the request of Determination of Patent Term Adjustment under 35 USC 154(b) (PTOL-85C) is provided by MPEP 1303, which states:

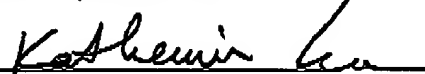
For applications filed on or after May 29, 2000, page three [of the PTOL-85] will state that "The *patent term adjustment* to date is ___ days. . ." (emphasis added).

4. Applicants made repeated attempts to contact the Examiner, Supervisory Examiner Etienne, and the U.S. Patent Office clerical department to obtain the above requested items without success. In light of the upcoming due date to submit the issue fee, Applicants request expedited attention to this request.

No fee is believed to be required. The Examiner is encouraged to contact the undersigned if any questions or issues should arise regarding this matter.

Dated: May 10, 2005

Respectfully submitted,

By 
Katherine D. Lee

Registration No.: 44,865
MORRISON & FOERSTER LLP
425 Market Street
San Francisco, California 94105-2482
(415) 268-6983

sf-1926782



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22311-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DCKET NO	CONFIRMATION NO
09/760,068	01/12/2001	Chris Helgeson	360322000100	2597
20872	7590	03/17/2005	EXAMINER	
MORRISON & FOERSTER LLP 425 MARKET STREET SAN FRANCISCO, CA 94105-2482			MEKY. MOUSTAFA M	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 03/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Allowability	Application No.	Applicant(s)	
	09/760,068	HELGESON ET AL	
	Examiner	Art Unit	
	Moustafa M Meky	2157	

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the filing date of 1/12/2001.
2. ☒ The allowed claim(s) is/are 1-41.
3. ☒ The drawings filed on 12 January 2001 are accepted by the Examiner.

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MORRISON I FOERSTER

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/9/2001, 6/18/2001, 11/7/2003</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

*file substance of
Interview*

Moustafa M. Meky

Interview Summary	Application No.		Applicant(s)	
	09/760,068		HELGESON ET AL	
	Examiner		Art Unit	
	Moustafa M Meky		2157	

All participants (applicant, applicant's representative, PTO personnel):

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(2) Stephen Durant. (4) _____

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Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal (copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

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Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Notice of References Cited	Application/Control No. 09/760,088	Applicant(s)/Patent Under Reexamination HELGESON ET AL.	
	Examiner Moustafa M Meky	Art Unit 2157	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,507,875	01-2003	Mellen-Garnett et al.	719/310
*	B	US-6,477,527	11-2002	Carey et al.	707/4
*	C	US-6,199,195	03-2001	Goodwin et al.	717/104
*	D	US-6,094,688	07-2000	Mellen-Garnett et al.	719/328
*	E	US-6,678,882	01-2004	Hurley et al.	717/121
*	F	US-6,523,040	02-2003	Lo et al.	707/101
*	G	US-6,441,834	08-2002	Agassi et al.	715/764
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 360322000100	Application Number 09/760,068
	Applicant Christopher S. HELGESON et al.	
	Filing Date January 12, 2001	Group Art Unit 3121 2157
	Mailing Date April 2, 2001	

APR 12 2001

Group 2100

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
MMM	1.	9/26/2000	6,125,363	Buzzeo et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

EXAMINER:

M. Maly

DATE CONSIDERED:

12/10/2004

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/08 (2-92)
sf-1075960

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92)

Sheet 1 of 2

Form PTO-1449

Docket Number 360322000100

Application Number 09/760,068

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

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Applicant

Christopher S. HELGESON et al.

Filing Date

January 12, 2001

Group Art Unit

252157

Mailing Date

June 12, 2001

JUN 19 2001

Technology Center 2600

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	10/20/87	4,701,130	Whitney et al.			
	2.	1/23/90	4,895,518	Arnold et al.			
	3.	3/30/93	5,199,068	Cox			
	4.	11/9/93	5,259,766	Sack et al.			
	5.	12/7/93	5,267,865	Lee et al.			
	6.	12/14/93	5,270,920	Pearse et al.			
	7.	4/5/94	5,301,270	Steinberg et al.			
	8.	5/10/94	5,310,349	Daniels et al.			
	9.	5/10/94	5,311,422	Loflin et al.			
	10.	7/5/94	5,326,270	Ostby et al.			
	11.	1/10/95	5,381,332	Wood			
	12.	3/7/95	5,395,243	Lubin et al.			
	13.	6/6/95	5,421,730	Lasker, III et al.			
	14.	3/12/96	5,499,293	Behram et al.			
	15.	8/20/96	5,548,506	Srinivasan			
	16.	1/28/97	5,597,312	Bloom et al.			
	17.	8/5/97	5,655,118	Heindel et al.			
	18.	6/2/98	5,761,063	Jannette et al.			
	19.	6/9/98	5,765,140	Knudson et al.			
	20.	8/4/98	5,788,504	Rice et al.			
	21.	8/18/98	5,795,155	Morrel-Samuels			
	22.	10/20/98	5,826,252	Wolters, Jr. et al.			
	23.	11/3/98	5,829,983	Koyama et al.			

EXAMINER:

M. Nish

DATE CONSIDERED:

12/10/2004

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92)

sf-1115167

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92)

Sheet 2 of 2

Form PTO-1449

Docket Number 360322000100

Application Number 09/760,068

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Christopher S. HELGESON et al.

Filing Date January 12, 2001

Group Art Unit ~~211~~ 2157

Mailing Date June 12, 2001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
MMH	24.	6/19/97	97/22096	PCT				
MMH	25.	2/5/98	98/05018	PCT				
MMH	26.	3/12/98	98/10399	PCT				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

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JUN 19 2001

Technology Center 2600

EXAMINER:

M. Nely

DATE CONSIDERED:

12/10/2004

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/08 (2-92)
sf-1115167

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-1449		Docket Number 360322000100		Application Number 09/760,668			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicants Christopher S. HELGESON, et al.					
		Filing Date January 12, 2001		Group Art Unit 2471 2157			
		Mailing Date November 5, 2003					
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
MMM	1.	9/16/1999	WO 99/46662	PCT			
OTHER DOCUMENTS <small>(including author, title, Date, Pertinent Pages, Etc.)</small>							
Examiner Initials	Ref. No.	Title					
MMM	2.	International Search Report mailed on 10/21/2003, for PCT patent application no. PCT/US01/00982 filed on 1/12/2001, 8 pgs.					
MMM	3.	M. Buffa et al., "Smart Interface-to-Device Architecture for HMI", IEEE 10/12/1999, ISBN: 0-7803-5731-0, pp. 1063-1068.					
MMM	4.	V. Jagannathan et al., "Workshop Report on Integrating XML & Distributed Object Technologies", XML & DOT report, IEEE 10/12/1999, ISBN: 0-7695-0365-9, pp. 291-296.					
MMM	5.	"Multi-modal Data Access", research disclosure, Kenneth Mason Publications, GB, no. 426, 10/1999, ISSN: 0374-4353, pp. 1393-1396.					
MMM	6.	Gopalan Suresh Raj, "Enterprise JaveBeans-Part 1", retrieved from Internet: http://members.trpod.com/ , 9/8/2003, 32 pgs.					
MMM	7.	G. Smith et al., "A Case for Meta-Interworking: Projecting COBRA Meta-data into COM", IEEE Comp. Soc. US, 11/23/1998, pp. 242-253.					
MMM	8.	J. Sutherland, "The Emergence of a Business Object Component Architecture", IEEE Comp. Soc. US, 6/16/1999, pp. 330-340.					
RECEIVED NOV 10 2003 Technology Center 2100							
EXAMINER: <i>M. Meltz</i>				DATE CONSIDERED: 12/10/2004			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

sf- 1593893 PTO/SB/08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application/Control Number: 09/760,068
Art Unit: 2157

Page 2

EXAMINER'S AMENDMENT

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- a. providing a client input device having a user interface (UI) wherein the UI includes controls whereby a user selects a command and a display whereby results are displayed;
- b. transmitting the command to a server computer comprising a business application management system platform which includes a WDK Web interface server as a part of the business application management system platform, for receiving the user selected command and for processing a web document that is a custom presentation of information;

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c. providing a BDK business server electronically coupled to the WDK Web interface server, for storing business objects to and retrieving business objects from a database containing persistent business object data related to the business application;

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interface server of a business application management system platform, for storing business objects to and retrieving business objects from a database containing persistent business object data related to the business application, and an information distributor server electronically coupled to the WDK Web interface server for generating metadata for a business object, for storing the metadata in a metadata database, for querying the metadata database when asked to do so by a requestor, and for providing the results of a match to a query to the requestor, whereby the business application is available via the internet to assist a user in performing a specific business operation which requires location of and use of business objects and display of results of the specific business operation to the user in a dynamically selectable format.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Moustafa M Meky whose telephone number is 571-272-4005. The examiner can normally be reached on flex.

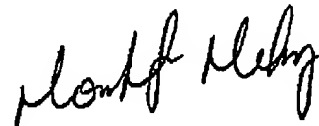
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-²⁹²⁻4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MMM
12/12/2004

A handwritten signature in black ink, appearing to read "Ploutz Hely", is located in the lower right quadrant of the page.